

$B_{sJ}(6114)^0$

$$I(J^P) = 0(?^?)$$

OMITTED FROM SUMMARY TABLE

 $B_{sJ}(6114)^0$ MASS

| VALUE (MeV) | DOCUMENT ID | TECN | COMMENT |
|--------------------------------------|-------------------|----------|----------------------|
| $6114 \pm 3 \pm 5$ | ¹ AAIJ | 21D LHCB | pp at 7, 8, 13 TeV |

¹ Seen in the decay channel $B^\pm K^\mp$. Integrated luminosity = 9 fb⁻¹.

 $B_{sJ}(6114)^0$ WIDTH

| VALUE (MeV) | DOCUMENT ID | TECN | COMMENT |
|--------------------------------------|-------------------|----------|----------------------|
| $66 \pm 18 \pm 21$ | ¹ AAIJ | 21D LHCB | pp at 7, 8, 13 TeV |

¹ Seen in the decay channel $B^\pm K^\mp$. Integrated luminosity = 9 fb⁻¹.

 $B_{sJ}(6114)^0$ DECAY MODES

| Mode | Fraction (Γ_i/Γ) |
|--------------------------|--------------------------------|
| $\Gamma_1 \quad B^+ K^-$ | seen |

 $B_{sJ}(6114)^0$ BRANCHING RATIOS

| $\Gamma(B^+ K^-)/\Gamma_{\text{total}}$ | Γ_1/Γ | | |
|---|-------------------|----------|-----------------------------|
| VALUE | DOCUMENT ID | TECN | COMMENT |
| seen | AAIJ | 21D LHCB | $B^\pm K^\mp$ mass spectrum |

 $B_{sJ}(6114)^0$ REFERENCES

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|------|-----------------|----------------|----------------|
| AAIJ | 21D EPJ C81 601 | R. Aaij et al. | (LHCb Collab.) |
|------|-----------------|----------------|----------------|